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National Institute of Standards and Technology



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NIST Special Publication 836

Abstract and Index Collection in the Research Information Center of the National Institute of Standards and Technology

Diane Cunningham



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- Measurement Services
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- Electricity
- Semiconductor Electronics
- Electromagnetic Fields¹
- Electromagnetic Technology¹

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- Time and Frequency¹
- Quantum Physics¹

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- Factory Automation
- Fabrication Technology

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- Intelligent Processing of Materials
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- Materials Reliability¹
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- Metallurgy
- Reactor Radiation

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- Building Materials
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- Fire Science and Engineering
- Fire Measurement and Research

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- Systems and Network Architecture
- Advanced Systems

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- Applied and Computational Mathematics²
- Statistical Engineering²
- Scientific Computing Environments²
- Computer Services²
- Computer Systems and Communications²
- Information Systems

¹At Boulder, CO 80303.

²Some elements at Boulder, CO 80303.

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Abstract and Index Collection in the Research Information Center of the National Institute of Standards and Technology

Diane Cunningham

Office of Information Services
National Institute of Standards and Technology
Gaithersburg, MD 20899

(Supersedes NIST Special Publication 803)

June 1992



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PREFACE

This publication lists the major abstracts and indexes available in the collection of the Research Information Center (RIC) of the National Institute of Standards and Technology (NIST). It supersedes and revises NIST Special Publication 803, which is dated December 1990. Entries in the main index, which are arranged alphabetically, include the current title of the abstract or index, RIC's holdings, major sources used to compile information, publisher or publishing association, corresponding RIC online database with CD-ROM availability, RIC call number, and collection/area designation.

Unless otherwise designated, abstracts and indexes are located in the "Abstracts" section on the first floor of the RIC. Other areas and locations which include selected abstracts and indexes are designated by the following:

BIOG = located in the Biography section
IGA = located in the Intergovernmental Affairs Collection
M = located in the Microform Collection
NIST = located in the NIST Reports Collection
NCC = located in the Noncurrent Collection
REF = located in Extended Reference area, check at reference desk for location

In addition to being listed by current title, abstracts and indexes are grouped in a general subject index. They are also listed by their former titles and by their database names.

I wish to thank Karen Jones for her able assistance and diligence in preparing this publication.

Diane Cunningham
Research Information Services

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ABSTRACT AND INDEX COLLECTION IN THE RESEARCH INFORMATION CENTER OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

ABSTRACTS/INDEXES

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/ SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|---|---|----------------------|
| ACM GUIDE TO COMPUTING LITERATURE | Index to the literature of computing and related disciplines | Association for Computing Machinery (ACM) | QA 76 .C62 |
| 1977- | Journals, Books, Proceedings, Reports, Theses | MATHSCI* | |
| ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY | Current literature on the principles and technologies of pulp, paper, and board manufacturing | Institute of Paper Science and Technology | Z 7914 .P2A6 |
| v. 1, 1930/31-v. 60, 1990 | Journals, Patents | PAPERCHEM | |
| ABSTRACT JOURNAL IN EARTHQUAKE ENGINEERING | Comprehensive literature in earthquake hazard mitigation | Earthquake Engineering Research Center | TA 658.44 .A25 |
| v. 1, 1971- | Journals | - | |
| AMERICAN STATISTICS INDEX: INDEXES/ABSTRACTS | Index and abstracts to statistical publications of the U.S. government | Congressional Information Service (CIS) | HA 195 .A52 |
| 1974-1984 | Journals, Reports | ASI | |
| ANALYTICAL ABSTRACTS | International literature dealing with all branches of analytical chemistry | The Royal Society of Chemistry (U.K.) | QD 71 .A49 |
| v. 1, 1954- | Journals | ANALYTICAL ABSTRACTS* | |
| APPLIED MECHANICS REVIEWS | International literature in engineering sciences | American Society of Mechanical Engineers (ASME) | TA 1 .A63953 |
| v. 1, 1948-v. 40, 1987 | Journals, Books | - | |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|---|--|--|----------------------|
| APPLIED SCIENCE AND TECHNOLOGY INDEX | Cumulative subject index to English language journals in the fields of aeronautics and space science, computer technology, chemistry, construction, energy resources, electricity and electronics, engineering, industrial and mechanical arts, etc. | H. W. Wilson Co. | Z 7913 .I7 |
| v. 1, 1913– | Journals | WILSON APPLIED SCIENCE AND TECHNOLOGY INDEX | |
| ASTRONOMY AND ASTROPHYSICS ABSTRACTS | Worldwide astronomical publications | Astronomisches Rechen-Institut/ (Germany)/Springer Verlag | QB 1 .A862 |
| v. 1, 1969– | Journals | – | |
| ATOMIC ABSORPTION AND EMISSION SPECTROMETRY ABSTRACTS | Worldwide documentation of all aspects of atomic absorption and emission spectrometry | PRM Science and Technology Agency Ltd. (U.K.) | QD 95 .A7 |
| v. 1, 1969–v. 17, 1985 | Journals, Proceedings, Unpublished Reports | – | |
| AUSTRALIAN SCIENCE INDEX | Scientific and technical literature published in Australian journals | Commonwealth Scientific and Industrial Research Organization (CSIRO) (Australia) | M |
| v. 22, 1978–v. 27, 1983 | Journals | – | |
| BNF NON-FERROUS METALS ABSTRACTS (British Non-Ferrous Metals Resource Assoc.) | Published information on non-ferrous metallurgy and technology | The BNF Metals Technology Centre (U.K.) | TA 459 .B71 |
| 1970–1983 | Journals, Patents, Books | NON-FERROUS METALS ABSTRACTS | |
| BIOGRAPHY INDEX | Cumulative index to biographical material | H. W. Wilson Co. | Z 5301 .B5 |
| v. 1, 1949–v. 41, 1987 | Books, Periodicals | WILSON BIOGRAPHY INDEX | BIOG |
| BIOTECHNOLOGY RESEARCH ABSTRACTS | Literature concerning all aspects of biotechnology | Cambridge Scientific Abstracts | TP 248.2 .B582 |
| v. 3, 1986– | Journals | BIOTECHNOLOGY RESEARCH ABSTRACTS* | |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|--|---|---|
| BRITISH CERAMIC ABSTRACTS | International literature of ceramics | British Ceramic Research Ltd. | TP 785 .B58 |
| 1978-1988 | Patents, Journals | - | |
| BUILDING SCIENCE ABSTRACTS | Literature of materials, design, and building research | Her Majesty's Stationery Office | TH 1 .G7 |
| v. 1, 1925-v. 49, 1976 | Journals, Reports | - | |
| BUSINESS PERIODICALS INDEX | Index to journals in the fields of accounting, advertising, banking and finance, business, insurance, labor and management, taxation, personnel administration, etc. | H. W. Wilson Co. | HF 5001 .B8 |
| v. 1, 1958- | Journals | WILSON BUSINESS PERIODICALS INDEX | |
| CA REVIEWS INDEX (CARI) | A key word in context (KWIC) index to all reviews that appear in CHEMICAL ABSTRACTS | Royal Society of Chemistry | QD 1 .A5124 (Shelved with CHEMICAL ABSTRACTS) |
| v. 86, 1977-v. 97, 1982 | Journals | - | |
| CIS INDEX/ANNUAL | Index to congressional publications | Congressional Information Service (CIS) | KF 49 .C621 IGA |
| 1970- | Hearings, Public Laws, Reports, Bills | CIS | |
| CSIRO ABSTRACTS (Commonwealth Scientific and Industrial Research Organization) | Abstracts of CSIRO published papers and translations | CSIRO Central Information (Australia) | Q 4 .A9 |
| v. 1, 1952-v. 22, 1974 | Journals, Reports, Proceedings | - | |
| CSIRO INDEX | Index of CSIRO published papers and translations | CSIRO Central Information (Australia) | Q 179.9 .A9 (M-Later years only) |
| 1975-1986 | Journals, Translations, Reports | - | |
| CERAMIC ABSTRACTS | International literature of ceramics | American Ceramic Society | TP 785 .A64 |
| v. 1, 1922- | Journals, Patents, Books | AMERICAN CERAMIC ABSTRACTS | |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|--|---|---|
| CHEMICAL ABSTRACTS | Comprehensive worldwide literature of chemistry, including biochemistry and chemical engineering | American Chemical Society | QD 1 .A51 (Located after unbound journals in back of RIC) |
| v. 1, 1907- | Journals, Patents, Books, Reviews | CHEMICAL ABSTRACTS | |
| CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series I: Mathematics, Astronomy, Physics | English abstracts of scientific and technical periodicals in China | International Information Service, Ltd. (Hong Kong) | Q 1 .C45 |
| v. 2, 1981-v. 8, 1987 | Periodicals | - | |
| CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series II: Chemistry, Earth Science, Energy Sources | English abstracts of scientific and technical periodicals in China | International Information Service, Ltd. (Hong Kong) | Q 1 .C455 |
| v. 6, 1985-v. 8, 1987 | Periodicals, Proceedings | - | |
| CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series III: Industrial Technology | Comprehensive index to articles in Chinese scientific and technical publications | International Information Service, Ltd. (Hong Kong) | Q 1 .C46 |
| v. 2, 1981; v. 5, 1984-v. 8, 1987 | Periodicals | - | |
| CHINESE SCIENCE ABSTRACTS Part A: Mathematics, Mechanics, Astronomy and Space, Physics, Technical Sciences | Abstracts of important scientific articles from the Chinese literature | Science Press (Beijing) | Q 1 .C42 |
| 1982-1989 | Periodicals, Proceedings | - | |
| CHINESE SCIENCE ABSTRACTS Part B: Chemistry, Life Sciences, Earth Sciences | Abstracts of important scientific articles from the Chinese literature | Science Press (Beijing) | Q 1 .C44 |
| 1982-1989 | Periodicals, Proceedings | - | |
| CIVIL ENGINEERING HYDRAULICS ABSTRACTS | Worldwide literature of applied fluid mechanics | BHRA (The British Hydro-mechanics Research Association) | TC 1 .C15 |
| v. 3, 1970-v. 20, 1987 | Journals, Reports, Proceedings | FLUIDEX | |
| COMPUTER ABSTRACTS | International literature on computer applications | Technical Information Co. Ltd. (U.K.) | QA 76 .C549 |
| v. 4, 1960- | Journals, Reports, Patents, Books | - | |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/ SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|---|--|----------------|
| COMPUTER AND CONTROL ABSTRACTS (Science Abstracts Series C) | Worldwide coverage of the literature of all aspects of computers and control | INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc. | TJ 212 .C61 |
| v. 1, 1966- | Journals, Reports, Books, Dissertations, Patents, Proceedings | INSPEC | |
| COMPUTER LITERATURE INDEX | Literature in computer science, not including the more esoteric and academic literature | Applied Computer Research, Inc. | QA 76 .C565 |
| v. 13, 1983- | Journals | - | |
| COMPUTING REVIEWS | Critical reviews of the current publications in any area of the computing sciences | Association for Computing Machinery (ACM) | QA 76 .C6 |
| v. 1, 1960-v. 22, 1981; v. 25, 1984- | Books, Journals, Proceedings | - | |
| CONCRETE ABSTRACTS | International literature of developments in concrete and concrete technology | American Concrete Institute | TA 439 .C56 |
| v. 3, 1974- | Journals, Reports, Books | - | |
| CONSUMERS INDEX TO PRODUCT EVALUATIONS AND INFORMATION SOURCES | Index to product evaluations and general consumer information | Pierian Press | TS 156.25 .C65 |
| v. 4, 1976-v. 17, 1989 | Journals | - | |
| CORROSION ABSTRACTS | Worldwide corrosion control literature | National Association of Corrosion Engineers (NACE) | TA 462 .C652 |
| v. 1, 1962- | Journals, Proceedings, Reports | - | |
| CORROSION CONTROL ABSTRACTS | Translation of Russian journal on corrosion and protection against corrosion | Scientific Information Consultants Ltd. (U.K.) | TA 462 .C654 |
| 1969-1987 | Journals, Patents | - | |
| CUMULATIVE INDEX TO ASCE PUBLICATIONS | Index to the publications of the American Society of Civil Engineers | American Society of Civil Engineers | TA 1 .A58A5 |
| 1961-1974 | Journals, Proceedings | - | |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|---|--|--|---|
| CURRENT INDEX OF COMPUTER LITERATURE v. 1, 1985 | Listing of the table of contents of computer journals Journals | Information Research Institute, Inc. - | QA 76 .C78 |
| CURRENT INDEX TO STATISTICS; APPLICATIONS, METHODS AND THEORY v. 1, 1975- | Comprehensive coverage of statistics, its applications, methods, and theory Journals | American Statistical Association and Institute of Mathematical Statistics MATHSCI* | HA 1 .C9 |
| CURRENT PHYSICS INDEX v. 1, 1975- | International literature concerning all aspects of physics research and index to CURRENT PHYSICS MICROFORM Journals | American Institute of Physics (AIP) SPIN | QC 1 .C786 |
| CURRENT TECHNOLOGY INDEX v. 3, 1964- | Subject guide to the literature in British technical journals Journals | Bowker-Saur Ltd. CURRENT TECHNOLOGY INDEX | T 1 .C8 |
| DIRECTORY OF PUBLISHED PROCEEDINGS v. 1, 1964- | Bibliography citing published proceedings Proceedings | InterDok Corp. - | Z 7409 .D56 REF |
| DISSERTATION ABSTRACTS INTERNATIONAL 1862- | Abstracts of international doctoral dissertations from participating universities; master's dissertations for later years Dissertations | University Microfilms International DISSERTATION ABSTRACTS ONLINE | Z 5053 .D5 (M-Scattered years) |
| EI ENGINEERING CONFERENCE INDEX 1983-1984 | International engineering conference literature Proceedings | Engineering Information, Inc. COMPENDEX* | Z 5851 .E6 |
| ELECTRICAL AND ELECTRONICS ABSTRACTS (Science Abstract Series B) v. 1, 1898- | International literature covering all aspects of electrical and electronics engineering Journals, Reports, Books, Dissertations, Patents, Proceedings | INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc. INSPEC | Q 1 .S331 |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|---|---|----------------|
| ELECTROANALYTICAL ABSTRACTS | International journal dealing with the documentation of all aspects of fundamental, physico-chemical and analytical electro-chemistry | Birkhäuser Verlag (Switzerland) | QD 551 .J62 |
| v. 1, 1963–v. 23, 1985 | Journals, Reviews, Books | – | |
| ELECTRONIC INSTRUMENTATION | Worldwide publications in measurement science and instrumentation | The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc. | TK 7870 .E38 |
| no. 1, 1976–1989 | Journals | – | |
| ELECTRONICS AND COMMUNICATIONS ABSTRACTS | Worldwide publications in electronics and communications | Multi-Science Pub. Co. Ltd. (U.K.) | TK 5101 .A1E48 |
| v. 1, 1961– | Journals, Proceedings, Unpublished Reports | – | |
| ENERGY RESEARCH ABSTRACTS | Dept. of Energy and U.S. government-sponsored research on all aspects of energy | U.S. Dept. of Energy, Office of Scientific and Technical Information | TJ 163.2 .U54 |
| 1975–1987 | Journals, Reports | ENERGY SCIENCE AND TECHNOLOGY | |
| ENGINEERING DATA BANK ABSTRACTS/INDEX OF REPORTS | Engineering evaluation and qualification test reports, non-standard parts justification data, parts/materials specifications, manufacturing processes, etc. | Government Industry Data Exchange Program (GIDEP) | TS 170 .E5 |
| 1977–1988 | Reports, Technical Data | GIDEP | |
| ENGINEERING INDEX | Transdisciplinary index to the world's engineering literature | Engineering Information, Inc. | Z 5851 .E62 |
| v. 1, 1884– | Journals, Conference Papers | COMPENDEX* | |
| ERGONOMICS ABSTRACTS | International literature on human factors in man-machine systems and physical environmental influences | Taylor and Francis | TA 166 .E7132 |
| v. 6, 1974–v. 19, 1987 | Journals, Proceedings, Reports, Book Reviews | – | |

* Some years are available in microfiche format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|---|---|--------------------|
| FAILURE EXPERIENCE DATA BANK SUMMARY | Data on failure information generated whenever significant problems are identified on parts, materials, or safety | Government Industry Data Exchange Program (GIDEP) | TS 173 .F3 |
| 1978-1987 | Reports, Technical Data | GIDEP | |
| FIVE-YEAR INDEX TO ASTM TECHNICAL PAPERS AND REPORTS | Index to the publications of the American Society For Testing and Materials | American Society For Testing and Materials (ASTM) | TA 401 .A525 |
| 1898-1970; 1976-1980 | Journals, Special Technical Publications | - | |
| FOREIGN TECHNOLOGY | Listing of current technical foreign reports available from the National Technical Information Service | National Technical Information Service (NTIS) | T 1 .F5 |
| 1984- | Reports | NTIS* | |
| GAS ABSTRACTS | Selected literature on natural and manufactured gas and petroleum production | Institute of Gas Technology | TP 700 .G13 |
| v. 1, 1945- v. 38, 1982 | Journals, Patents, Proceedings | - | |
| GAS AND LIQUID CHROMATOGRAPHY LITERATURE | International literature on gas and liquid chromatography | Preston Publications | QD 1 .A1G31 |
| v. 1, 1992- | Journals | - | |
| GAS CHROMATOGRAPHY LITERATURE, ABSTRACTS AND INDEXES | International literature on gas chromatography | Preston Publications | QD 1 .A1G3 |
| v. 2, 1969-v. 24, 1991 | Journals, Conference Papers | - | |
| GIDEP INDEX OF REPORTS | Index to reports from the Government Industry Data Exchange Program | Government Industry Data Exchange Program (GIDEP) | TS 170 .E52 |
| 1990- | Reports | GIDEP | |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/ SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|---|---|------------------------|
| GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX v. 1, 1946– | Listing of government and government-sponsored research and development reports Reports, Journals, Proceedings | National Technical Information Service (NTIS) NTIS* | Z 7916 .B47 |
| INDEX OF MATHEMATICAL PAPERS v. 1, 1970–v. 9, 1979 | An author and subject index of all papers and books reviewed in MATHEMATICAL REVIEWS Journals, Books | American Mathematical Society MATHSCI* | QA 1 .M762 |
| INDEX TO SCIENTIFIC AND TECHNICAL PROCEEDINGS 1978– | Multidisciplinary listing of published proceedings Proceedings | Institute for Scientific Information (ISI) ISTP | Q 101 .I5 REF |
| INDEX TO SCIENTIFIC BOOK CONTENTS 1986–1987 | Index to the chapters in scientific books Books | Institute for Scientific Information (ISI) – | Z 7401 .I45 |
| INDEX TO SCIENTIFIC REVIEWS v. 1, 1975–1987 | International interdisciplinary index to the review literature of science, medicine, agricul- tural sciences, technology, and the behavioral sciences Journals | Institute for Scientific Information (ISI) – | Z 7401 .I5 |
| INDEX TO STATISTICS AND PROBABILITY 1973–1975 | International literature of statistics and probability Journals | R & D Press MATHSCI* | Z 6654 .M33T84 |
| INFORMATION SCIENCE ABSTRACTS v. 1, 1966– | International literature in the fields of information science, documentation, and related areas Books, Journals, Conference Proceedings, Reports, Patents | Plenum Pub. Corp. INFORMATION SCIENCE ABSTRACTS | Z 699 .A1I5 |
| INIS ATOMINDEX (International Nuclear Information System) v. 6, 1975– | International literature of nuclear science relating to its peaceful applications Reports, Journals, Theses, Proceedings | International Atomic Energy Agency (Austria) ENERGY SCIENCE AND TECHNOLOGY | QC 770 .I2 |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|--|--|--------------------|
| INTERNATIONAL ABSTRACTS IN OPERATIONS RESEARCH | Worldwide literature in operations research | MacMillan Press Ltd. (U.K.) | T 58 .A215 |
| v. 1, 1961-- | Journals | — | |
| INTERNATIONAL AEROSPACE ABSTRACTS | Comprehensive international literature of aerospace science and technology | American Institute of Aeronautics and Astronautics, Inc. | TL 501 .J53 |
| v. 1, 1961--v. 26, 1986 | Journals, Books, Proceedings, Translations | AEROSPACE DATABASE | |
| INTERNATIONAL PETROLEUM ABSTRACTS | Worldwide coverage of petroleum and allied literature concerning oil field exploration and development, petroleum refining and products, and economics | John Wiley and Sons Ltd. | TN 860 .J53 |
| v. 1, 1973-- | Journals | — | |
| JAPAN BIOSCIENCES | Summaries of current Japanese research information on biochemistry, drugs, molecular and cell biology, bioengineering, food processing, etc. | University Microfilms, Inc. | QH 301 .J36 |
| v. 1, 1988 | Journals | — | |
| JAPAN CHEMISTRY | Summaries of current Japanese research information on crystals, kinetics, polymers, chemical engineering, etc. | University Microfilms, Inc. | QD 1 .J36 |
| v. 1, 1988 | Journals | — | |
| JAPAN COMPUTERS | Summaries of current Japanese research information on CAD/CAM, robots, artificial intelligence, software engineering, etc. | University Microfilms, Inc. | QA 76.5 .J36 |
| v. 1, 1988 | Journals | — | |
| JAPAN ELECTRONICS | Summaries of current Japanese research information on circuits, sensors, superconducting materials, acoustic devices, etc. | University Microfilms, Inc. | TK 1 .J36 |
| v. 1, 1988 | Journals | — | |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|--|--|----------------------|
| JAPAN ENERGY | Summaries of current Japanese research information on geophysics, nuclear power plants, energy conservation, superconductivity, etc. | University Microfilms, Inc. | HD 9502 .J36 |
| v. 1, 1988 | Journals | — | |
| JAPAN MANUFACTURING | Summaries of current Japanese research information on inventory control, production management, machinery, heat transfer, etc. | University Microfilms, Inc. | TS 183 .J36 |
| v. 1, 1988 | Journals | — | |
| JAPAN MATERIALS | Summaries of current Japanese research on composites, metallurgy, powder technology, ceramics, textiles, etc. | University Microfilms, Inc. | TA 401 .J355 |
| v. 1, 1988 | Journals | — | |
| JAPANESE TECHNICAL ABSTRACTS | Japanese literature in the areas of technology, applied sciences, engineering, and business management | Japanese Technical Information Service, University Microfilms Inc. | T 1 .J32 |
| v. 1, 1986–v. 2, 1987 | Journals | — | |
| JOURNAL OF CURRENT LASER ABSTRACTS | International comprehensive literature on laser theory, design, and application | Pennwell Pub. Co. | TK 7871.3 .J65 |
| v. 1, 1964– | Journals, Proceedings, Reports, Patents, Dissertations, Books | — | |
| JOURNAL OF ECONOMIC LITERATURE | Literature on economic subjects in English language journals | American Economic Association | HB 1 .J6 |
| v. 1, 1963– | Book Reviews, Journals | JOURNAL OF ECONOMIC LITERATURE | (M–Earlier Years) |
| LIBRARY AND INFORMATION SCIENCE ABSTRACTS (LISA) | International literature of library and information science | Bowker-Saur Ltd. (U.K.) | Z 671 .L617 |
| 1969– | Journals | LISA | |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|---|---|--------------------|
| LIBRARY LITERATURE | Author and subject index to materials on library and information science | H. W. Wilson Co. | Z 666 .S211 |
| 1921-1986 | Journals, Books, Pamphlets, Films, Theses | WILSON LIBRARY LITERATURE | |
| MATHEMATICAL REVIEWS | International coverage and reviews of the literature of mathematics | American Mathematical Society | QA 1 .M76 |
| v. 1, 1940- | Journals, Books, Proceedings | MATHSCI* | |
| MEASUREMENTS IN PHYSICS | International literature in the fields of measurement and metrology | The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc. | QC 39 .P5 |
| 1976-1989 | Journals | - | |
| METAL FINISHING ABSTRACTS | International literature of metal finishing including extensive patent information | Finishing Publications Ltd. (U.K.) | TS 550 .M32 |
| v. 1, 1959-v. 27, 1985 | Journals, Patents, Books, Reports | - | |
| METALLURGICAL ABSTRACTS | International literature covering the whole field of metallurgy | The Metals and Metallurgy Trust (U.K.) | TN 1 .I58 |
| v. 1, 1934-v. 32, 1965; v. 1, 1966-v. 2, 1967 | Journals, Reports | - | |
| METALS ABSTRACTS | Worldwide comprehensive literature on metallurgy | The Institute of Materials (U.K.)/ ASM International | TN 1 .M5153 |
| v. 1, 1968- | Journals, Books, Reports, Proceedings, Dissertations, Patents | METADEx | |
| METROLOGY DATA BANK INDEX | Index to government and industry data in metrology which is essential in research, design, development, production, and operational phases of the life cycle of systems and equipment | Government Industry Data Exchange Program (GIDEP) | QC 100.5 .U5 |
| 1976-1984 | Reports, Technical Data | GIDEP | |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|--|--|--|
| MICROCOMPUTER INDEX v. 1, 1980- | A subject index to articles in microcomputer magazines Journals | Learned Information, Inc. MICROCOMPUTER INDEX | QA 76.5 .M5218 |
| MONTHLY CATALOG OF UNITED STATES GOVERNMENT PUBLICATIONS 1895-1976 | Publication listings of U.S. Government agencies Reports, Books, Serials | U.S. Government Printing Office (GPO) MONTHLY CATALOG | Z 1223 .A18 (M-Earlier years) |
| MÖSSBAUER SPECTROSCOPY ABSTRACTS v. 2, 1979-v. 7, 1984 | International literature concerning Mössbauer spectroscopy Journals, Proceedings, Reports | PRM Science and Technology Agency Ltd. (U.K.) - | QC 491 .M63 |
| NASA SCIENTIFIC AND TECHNICAL PUBLICATIONS 1977-1986 | Catalog of NASA special publications, reference publications, conference publications, and technical papers Reports, Proceedings | National Aeronautics and Space Administration, Scientific and Technical Information Division NASA/RECON | TL 521.312 .N3 |
| NATIONAL BUREAU OF STANDARDS INDEX 1979 | Index to the National Bureau of Standards (NBS) documents on file in the GIDEP Technical Library Reports | Government Industry Data Exchange Program (GIDEP) - | QC 100 .U575 |
| NUCLEAR SCIENCE ABSTRACTS v. 1, 1948-v. 33, 1976 | Worldwide comprehensive literature of nuclear science Reports, Books, Proceedings, Patents, Journals | U.S. Department of Energy NUCLEAR SCIENCE ABSTRACTS | QC 770 .U64 |
| OR/MS OPERATIONS RESEARCH/MANAGEMENT SCIENCE v. 9, 1969-v. 29, 1989 | International literature of operation research and management science Journals | Executive Sciences Institute, Inc. - | HD 20 .06 |
| PAIS INTERNATIONAL IN PRINT v. 55, 1969-1991 | Worldwide literature related to economic and social conditions, public administration, and international relations Books, Pamphlets, Government Publications, Reports, Journals | Public Affairs Information Service, Inc. PAIS | Z 7163 .P9 |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|---|---|--|------------------------------------|
| PHOTOGRAPHIC ABSTRACTS v. 1, 1921-1987 | Abstracts of the world literature of the science, technology, and applications of photography Journals, Patents | The Royal Photographic Society of Great Britain/Pergamon Press - | TR 1 .P4 |
| PHYSICS ABSTRACTS (Science Abstracts Series A) v. 1, 1898- | International literature covering the entire field of physics Journals, Reports, Books, Dissertations, Patents, Proceedings | INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc. INSPEC | Q 1 .S311 |
| PHYSICS BRIEFS; PHYSIKALISCHE BERICHTE v. 1, 1920-v. 5, 1983 | Worldwide literature covering all fields of physics and related topics Journals, Books, Patents, Reports, Theses, Proceedings | Physik Verlag GmbH (West Germany) PHYSICS BRIEFS | QC 1 .P68 (1920-1978 NCC) |
| PRINTED CIRCUITS AND ELECTRONICS COATINGS ABSTRACTS v. 7, 1991- | Comprehensive world coverage of the literature on printed circuit production and fabrication and of manufacturing and coating techniques and equipment for integrated circuits, semiconductors, connectors, and specialized applications Journals, Patents | Finishing Publications Ltd. (U.K.) - | TK 7868 .P7P74 |
| PUBLICATIONS OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY 1901- | A comprehensive listing of technical publications by the U.S. National Institute of Standards and Technology (formerly National Bureau of Standards) Reports, Journals, Proceedings, Patents | U.S. National Institute of Standards and Technology/GPO NTIS* | QC 100 .U57 SP305 NIST |
| RAPRA ABSTRACTS v. 2, 1924-v. 19, 1982 | World's literature in rubber, plastics, and associated fields Journals, Patents | Rubber and Plastics Research Association of Great Britain RAPRA ABSTRACTS | TS 1870 .R61 |

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| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|--|--|---|--------------------|
| READERS' GUIDE TO PERIODICAL LITERATURE | Cumulative author-subject index to periodicals of general interest covering a wide variety of general subjects | H. W. Wilson Co. | AI 3 .R4 |
| v. 29, 1969– | Periodicals | WILSON READERS' GUIDE TO PERIODICAL LITERATURE | |
| REFERATIVNYI ZHURNAL: FIZIKA | World's literature in physics | Akademiya Nauk SSSR | QC 1 .A419 |
| 1960– | Journals, Books, Patents | – | |
| REFERATIVNYI ZHURNAL: MATEMATIKA | World's literature in mathematics | Akademiya Nauk SSSR | QA 1 .A373 |
| 1966– | Journals, Books, Patents | – | |
| REFERATIVNYI ZHURNAL: MEKHANIKA | World's literature in mechanics | Akademiya Nauk SSSR | QC 1 .A41 |
| 1956– | Journals, Books, Patents | – | |
| REFERATIVNYI ZHURNAL: METALLURGIYA | World's literature in metals | Akademiya Nauk SSSR | TN 1 .R4 |
| 1984–1987 | Journals, Books, Patents | – | |
| REFERENCE SOURCES | Comprehensive guide to reference materials | Pierian Press | Z 1035.1 .R4 |
| v. 1, 1977–v. 7, 1983 | Books | – | |
| RELIABILITY—MAINTAINABILITY DATA INTERCHANGE | Reliability and maintainability data on parts, components, assemblies, equipment, etc. | Government Industry Data Exchange Program (GIDEP) | TS 173 .R45 |
| 1978–1989 | Reports, Technical Data | GIDEP | |
| REVIEWS IN COMPLEX ANALYSIS | Reviews on complex analysis which appear in MATHEMATICAL REVIEWS | American Mathematical Society | QA 1 .M761 |
| 1980–1986 | Journals | MATHSCI* | |

* Some years are available in CD-ROM format.

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|---|--|---|---------------------|
| RHEOLOGY ABSTRACTS | Worldwide literature in the science and practice of rheology | British Society of Rheology / Pergamon Press | QC 189 .R53 |
| v. 1, 1958- | Journals | - | |
| ROBOTICS ABSTRACTS | Literature on robot research, design and application in industrial and non-industrial settings | Bowker A&I Pub. | TS 191.8 .R55 |
| v. 1, 1983-v. 8, 1990 | Journals | - | |
| ROBOTICS TECHNOLOGY ABSTRACTS | Worldwide literature on the manufacture and use of robots | Cranfield Press (U.K.) | TS 191.8 .R64 |
| v. 3, 1984-v. 6, 1987 | Journals, Reports, Patents, Proceedings | - | |
| ROYAL SOCIETY OF LONDON. CATALOGUE OF SCIENTIFIC PAPERS | Index to nineteenth century scientific papers | Her Majesty's Stationery Office (HMSO) (U.K.) | Z 7403 .R88 |
| v. 1, 1867-v. 19, 1925 | Journals, Transactions | - | |
| SAFETY SCIENCE ABSTRACTS | International literature devoted to identifying, evaluating, and eliminating or controlling hazards | The Institute of Safety and Systems Management / Cambridge Scientific Abstracts | T 55 .A1S3 |
| v. 1, 1973-v. 9, 1982 | Journals, Reports, Proceedings, Books, Dissertations, Patents | SAFETY | |
| SCIENCE CITATION INDEX | International interdisciplinary index to the literature of chemistry, physics, medicine, agriculture, technology, etc. | Institute for Scientific Information (ISI) | Z 7401 .S365 |
| 1945- | Journals | SCISEARCH* | |
| SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS | Comprehensive worldwide literature on the science and technology of space and aeronautics | U.S. National Aeronautics and Space Administration (NASA) | TL 787 .U51 |
| v. 1, 1963-v. 29, 1991 | Reports, Patents, Dissertations | AEROSPACE DATABASE; NASA/RECON | |

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| SELECTED WATER RESOURCES ABSTRACTS | Literature on the conservation, control, use, and management of water | Water Resources Scientific Information Center, U.S. Dept. of the Interior | TD 201 .S4 |
| v. 2, 1969-v. 9, 1976 | Books, Journals, Reports | WATER RESOURCES ABSTRACTS | |
| SEVENTY-SEVEN YEAR INDEX-TECHNICAL PAPERS (AMERICAN SOCIETY OF MECHANICAL ENGINEERS) | Index to the publications of the American Society of Mechanical Engineers | American Society of Mechanical Engineers | TJ 1 .A774 |
| 1880-1956 | Journals | - | |
| SOLID STATE ABSTRACTS JOURNAL | Comprehensive coverage of the world literature on the theory, production, and use of solid state materials and devices | Cambridge Communication Corp. | TK 7800 .S42 |
| v. 1, 1957-v. 9, 1968 | Journals, Books, Reports, Patents, Dissertations, Proceedings | - | |
| STATISTICAL REFERENCE INDEX (SRI) | Index and abstracts to American statistical publications from private organizations and state government sources | Congressional Information Service (CIS) | HA 195 .S75 |
| v. 1, 1980-v. 10, 1989 | Directories, Statistical Publications | - | |
| STATISTICAL THEORY AND METHOD ABSTRACTS | International literature of statistical mathematics | International Statistical Institute | HA 1 .S764 |
| v. 1, 1959- | Journals, Reports, Proceedings | - | |
| STEELS ALERT | International literature on developments in the steel industry | Metals Information | TN 1 .M51531 |
| v. 1, 1983-v. 7, 1989 | Journals | - | |
| SURFACE TREATMENT TECHNOLOGY ABSTRACTS | International literature of metal finishing, surface-treatment, printed circuits, and electronics coatings | Finishing Publications Ltd. (U.K.) | TP 155.7 .S83 |
| v. 28, 1986- | Journals, Patents, Books, Reports | - | |

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|---|--|---|--------------------|
| TECHNICAL BOOK REVIEW INDEX | A monthly index to book reviews of new technical, scientific and medical books covering all fields of the pure sciences, life sciences, medicine, and technology | JAAD Pub. Co. | Z 7913 .T36 |
| v. 1, 1935–v. 54, 1988 | Reviews | – | |
| THEORETICAL CHEMICAL ENGINEERING | Listing of abstracts in the chemical engineering literature | The Royal Society of Chemistry (U.K.) | TP 1 .T47 |
| v. 1, 1964– | Journals, Reports, Books | – | |
| TRANSLATIONS INDEX | Translations into English of technical papers on metals and materials | Institute of Metals/ASM International | QD 171 .A6 |
| v. 1, 1977– | Journals | – | |
| TRANSLATIONS REGISTER INDEX | Listing of unpublished translations into English from the world literature of the natural, physical, medical, and social sciences | National Translations Center | Z 7401 .T7 |
| v. 1, 1967–v. 20, 1986 | Journals | – | |
| U.S. NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS. LISTS OF ITS TECHNICAL MEMORANDA, TECHNICAL NOTES, AND WAR TIME REPORTS | List of reports published by NACA (U.S. National Advisory Committee for Aeronautics) | National Advisory Committee for Aeronautics | TL 787 .U51 |
| v. 1, 1936–v. 2, 1948 | Reports | – | |
| U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. INDEX OF NASA TECHNICAL PUBLICATIONS | Listing of unclassified NASA/ NACA technical publications | U.S. National Aeronautics and Space Administration (NASA) | Z 5063 .U592 |
| 1915–1961 | Reports | – | |
| WORLD CERAMIC ABSTRACTS | International literature of ceramics | Pergamon Press | TP 785 .W67 |
| 1978– | Patents, Journals | – | |

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| WORLD SURFACE COATINGS ABSTRACTS | International literature on paints, varnishes, and allied industries | Paint Research Association (U.K.)/Pergamon Press | TP 934 .R4 |
| v. 42, 1969- | Reports, Patents, Standards, Journals | WORLD SURFACE COATINGS ABSTRACTS | |
| WORLD TEXTILE ABSTRACTS | Worldwide literature of textiles and the textile industry | Elsevier Science Publishers Ltd. (U.K.) | TS 1300 .W6 |
| v. 1, 1969- | Journals, Proceedings, Patents, Standards, Books, Reports | WORLD TEXTILES | |
| WORLD TRANSINDEX | Translations of literature relating to all fields of science and technology | International Translations Centre (The Netherlands)/British Lending Library | Z 7401 .W62 |
| 1967-1982 | Journals | - | |
| WORLD TRANSLATIONS INDEX | Translations in all fields of science and technology | International Translations Centre | Z 7401 .W63 |
| v. 1, 1987- | Journals | - | |
| X-RAY FLUORESCENCE SPECTROMETRY ABSTRACTS | International literature on all aspects of x-ray fluorescence spectrometry | PRM Science and Technology Agency Ltd. (U.K.) | QD 95 .X2 |
| v. 1, 1970-v. 15, 1984 | Journals, Proceedings, Unpublished Reports | - | |
| ZENTRALBLATT FÜR MATHEMATIK UND IHRE GRENZGEBIETE: MATHEMATICS ABSTRACTS | Worldwide literature in mathematics | Springer Verlag | QA 1 .Z5 |
| v. 1, 1931-v. 358, 1978 | Books, Journals, Proceedings | MATH | |

NONCURRENT COLLECTION

| ABSTRACT/INDEX HOLDINGS | DESCRIPTION/ SOURCES | PUBLISHER/ASSOCIATION DATABASE | CALL NUMBER |
|---|--|-----------------------------------|--------------------------------------|
| BRITISH ABSTRACTS SERIES A, B, C | International literature of all aspects of chemistry | Bureau of Abstracts (U.K.) | QD 1 |
| 1926-1953 | Journals, Proceedings | - | .B68 NCC |
| CUMULATIVE BOOK INDEX | A comprehensive world list of books in the English language | H. W. Wilson Co. | CT 100 |
| 1938-1983 | Books | - | .C8 NCC |
| INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE | International literature of all sciences | Royal Society of London | Z 7401 |
| 1901-1914 | Journals | - | .I62 NCC |
| JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK | Worldwide literature of mathematics | de Gruyter (Germany) | QA 1 |
| v. 1, 1868-v. 68, 1942 | Journals, Books | - | .J4 NCC |
| NATIONAL UNION CATALOG | A listing of works cataloged by the Library of Congress and by the libraries contributing to its cooperation cataloging program | Library of Congress | Z 881 |
| 1898- | Books, Reports, Journals, Maps, Serials | LC MARC | .A1U372 NCC (M-Later years) |

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| Aerospace and Aeronautical Engineering | EI Engineering Conference Index Engineering Index Government Reports Announcements and Index International Aerospace Abstracts NASA Scientific and Technical Publications Science Citation Index Scientific and Technical Aerospace Reports U.S. National Advisory Committee for Aeronautics. Lists of its Technical Memoranda, Technical Notes, and War Time Reports U.S. National Aeronautics and Space Administration: Index of NASA Technical Publications |
| Agriculture and Agricultural Engineering | Chemical Abstracts EI Engineering Conference Index Engineering Index Government Reports Announcements and Index Science Citation Index Selected Water Resources Abstracts |
| Architecture and Design | EI Engineering Conference Index Engineering Index |
| Biography | Biography Index |
| Biotechnology | Biotechnology Research Abstracts |
| Building and Construction | Building Science Abstracts Concrete Abstracts Cumulative Index to ASCE Publications EI Engineering Conference Index Engineering Index |
| Business, Economics, Management | Business Periodicals Index Journal of Economic Literature OR/MS Operations Research/Management Science PAIS International in Print |
| Ceramics | British Ceramic Abstracts Ceramic Abstracts Japan Materials World Ceramic Abstracts |
| Chemistry and Chemical Engineering | Abstract Bulletin of the Institute of Paper Science and Technology Analytical Abstracts BNF Non-Ferrous Metals Abstracts British Abstracts, Series A, B, C (NCC) British Ceramic Abstracts |

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Civil Engineering

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 EI Engineering Conference Index
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 Reliability-Maintainability Data Interchange
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 Selected Water Resources Abstracts

Computer Science

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| Electronics and Electrical Engineering | <ul style="list-style-type: none"> EI Engineering Conference Index Electrical and Electronics Abstracts Electroanalytical Abstracts Electronic Instrumentation Electronics and Communications Abstracts Engineering Index Government Reports Announcements and Index Japan Electronics Printed Circuits and Electronics Coatings Abstracts Science Citation Index Solid State Abstracts Journal Surface Treatment Technology Abstracts |
| Energy | <ul style="list-style-type: none"> Chemical Abstracts China Science and Technology Abstracts Series II Energy Research Abstracts Government Reports Announcements and Index Japan Energy Nuclear Science Abstracts Science Citation Index |
| Environment | <ul style="list-style-type: none"> Chemical Abstracts Engineering Index Science Citation Index Selected Water Resources Abstracts |
| Government Reports | <ul style="list-style-type: none"> American Statistics Index Energy Research Abstracts Government Reports Announcements and Index Monthly Catalog of United States Government Publications NASA Scientific and Technical Publications National Bureau of Standards Index PAIS International in Print Publications of the National Institute of Standards and Technology Scientific and Technical Aerospace Reports U.S. National Advisory Committee for Aeronautics. Lists of its Technical Memoranda, Technical Notes, and War Time Reports U.S. National Aeronautics and Space Administration. Index of NASA Technical Publications |
| Information Science | <ul style="list-style-type: none"> Information Science Abstracts Library and Information Science Abstracts Library Literature National Union Catalog (NCC) |

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| SUBJECT | ABSTRACT/INDEX |
|-------------------------------|---|
| Instrumentation | EI Engineering Conference Index Electronic Instrumentation Engineering Index Measurements in Physics |
| Law and Legislative Processes | CIS Index/Annual PAIS International in Print |
| Life Sciences/Biology | Government Reports Announcements and Index Japan Biosciences Science Citation Index Selected Water Resources Abstracts |
| Mathematics and Statistics | American Statistics Index Current Index to Statistics Government Reports Announcements and Index Index of Mathematical Papers Index to Statistics and Probability Jahrbuch über die Fortschritte der Mathematik (NCC) Mathematical Reviews Referativnyi Zhurnal: Matematika Reviews in Complex Analysis Science Citation Index Statistical Reference Index Statistical Theory and Method Abstracts Zentralblatt für Mathematik und ihre Grenzgebiete; Mathematics Abstracts |
| Mechanical Engineering | Applied Mechanics Review EI Engineering Conference Index Engineering Data Bank Abstracts/Index of Reports Engineering Index Ergonomics Abstracts Failure Experience Data Index Government Reports Announcements and Index Japan Manufacturing Referativnyi Zhurnal: Mekhanika Reliability-Maintainability Data Interchange Science Citation Index Seventy-Seven Year Index—Technical Papers (American Society of Mechanical Engineers) |
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 World Surface Coatings Abstracts

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| Atomic Absorption and Flame Emission Spectroscopy Abstracts | | Atomic Absorption and Emission Spectrometry Abstracts |
| British Non-Ferrous Metals Research Assn. Bull. | | BNF Non-Ferrous Metals Abstracts |
| British Technology Index | | Current Technology Index |
| CARI | | CA Reviews Index |
| CBI | | Cumulative Book Index |
| CSIRO Science Index | | CSIRO Abstracts |
| Channel | | Civil Engineering Hydraulics Abstracts |
| Chemical Abstracts Reviews Index | | CA Reviews Index |
| COMPENDEX | | EI Engineering Conference Index Engineering Index |
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| FLUIDEX | | Civil Engineering Hydraulics Abstracts |
| GIDEP | | Engineering Data Bank Abstracts/Index of Reports Failure Experience Data Index GIDEP Index of Reports Metrology Data Bank Index Reliability-Maintainability Data Interchange |
| ISTP | | Index to Scientific and Technical Proceedings |
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| Institute of Petroleum Abstracts | | International Petroleum Abstracts |
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| LISA | | Library and Information Science Abstracts |
| MATH | | Zentralblatt für Mathematik und ihre Grenzgebiete: Mathematics Abstracts |
| MATHSCI | | ACM Guide to Computing Literature Current Index to Statistics Index of Mathematical Papers Index to Statistics and Probability Mathematical Reviews Reviews in Complex Analysis |
| METADEx | | Metals Abstracts |
| Metron | | Electronic Instrumentation Measurements in Physics |
| NASA/RECON | | Scientific and Technical Aerospace Reports |
| Non-Ferrous Metals Abstracts | | BNF Non-Ferrous Metals Abstracts |
| NTIS | | Government Reports Announcements and Index Publications of the National Institute of Standards and Technology |
| PAIS | | PAIS International in Print |
| PAIS Bulletin | | PAIS International in Print |
| PAPERCHEM | | Abstract Bulletin of the Institute of Paper Science and Technology |
| Physical Measurements and Instrumentation | | Measurements in Physics |
| Physikalische Berichte | | Physics Briefs; Physikalische Berichte |
| Referativnyi Zhurnal; Korrozerja i Zashchita ot Kovrozu | | Corrosion Control Abstracts (Translation) |
| SRI | | Statistical Reference Index |
| Science Abstracts Series A | | Physics Abstracts |
| Science Abstracts Series B | | Electrical and Electronics Abstracts |

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| SCISEARCH | | Science Citation Index |
| Semiconductor Electronics | | Solid State Abstracts Journal |
| SPIN | | Current Physics Index |
| STAR | | Scientific and Technical Aerospace Reports |
| U.S. Atomic Energy Commision. Abstracts of Declassified Documents | | Nuclear Science Abstracts |
| Water Resources Abstracts | | Selected Water Resources Abstracts |
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Journal of Research of the National Institute of Standards and Technology—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences.

Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

Nonperiodicals

Monographs—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

Handbooks—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

Special Publications—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

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National Standard Reference Data Series—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published bimonthly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW., Washington, DC 20056.

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